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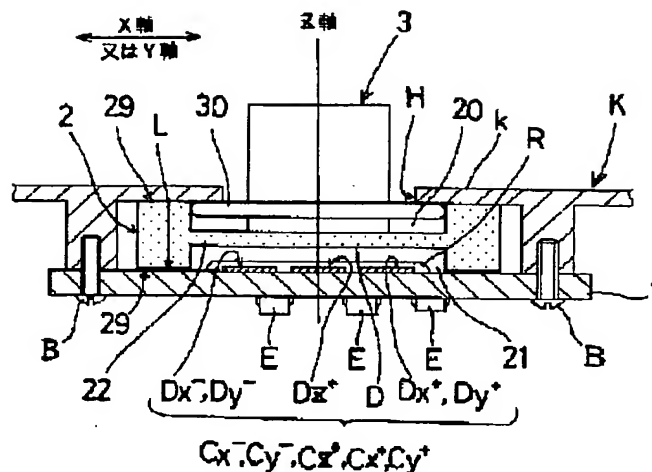
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APPLICANT : WAKOO:KK;

INVENTOR : OKADA KAZUHIRO;

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TITLE : ELECTROSTATIC CAPACITY TYPE
FORCE SENSOR



ABSTRACT : PROBLEM TO BE SOLVED: To obtain an electrostatic force sensor which reduces troublesome assembling operation, is easily made waterproof and dust-proof without increasing the number of components and has high sensitivity as a sensor.

SOLUTION: The sensor is equipped with a substrate 1 where fixed electrode groups Dx+ and Dx-, and Dy+ and Dy-, and Dz+ are formed, a movable electrode plate 2 which is formed of elastomer on the whole and also formed of conductive elastomer at least opposite the fixed electrode groups, and a hard operation part 3 which is formed in the same or a different body with or from the movable electrode plate 2 and can transmit a force to the movable electrode plate 2; and variable electrostatic capacity parts Cx+ and Cx-, Cy+ and Cy-, and Cz+ are formed of the fixed electrode groups and movable electrode plate 2.

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